

# Sailing Buckeyes Yacht Club

2017

## Sailing Instructions

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# 2017 SBYC SAILING INSTRUCTIONS

## WEDNESDAY SERIES

### 1 RULES

The races in the Wednesday Series will be governed by the *Racing Rules of Sailing 2017-2020, Performance Handicap Racing Fleet-Atwood Lake (PHRF-AL)*, and these *Sailing Instructions*. The *Sailing Instructions* will take precedence should conflict(s) exist. All boats shall be equipped with the safety equipment necessary to comply with all Federal and State laws and regulations. All boats will fly a Quebec (Q) flag or a yellow streamer from her stern while racing.

Rule 77, Identification on Sails, shall not apply.

### 2 ENTRIES

The Wednesday Series (First Summer, Second Summer, and Fall Series) are open to all SBYC members in good standing. Skippers may enter their boats in this series by signing up with the race chairman prior to the first race of a series. Boats may be entered at a later date by advising the race chairman of their intent to participate in the remaining races of that series. Skippers shall declare the division in which their boats will sail before their boat's first start for each series. That declaration may not be revised after a boat's first start for a series regardless of circumstances. Three boats must sign up for a division to establish that division, and at least two boats must start a race for it to be scored for that division. A skipper may decide to compete in the next higher division if the minimum number of entries for a given division is not met or if it is otherwise desired.

The Series will be sailed in three divisions (provided the minimum number of entries):

1. Racer-Cruiser I (Cruising boats wishing to compete with spinnakers)
2. Cruiser II (Cruising boats with an overall length of 25 or more feet; this is a jib and main only division)
3. Cruiser III (Cruising boats with an overall length of less than 25 feet; this is a jib and main only division)

Boats that are best described as "daysailors" will not have a division. The intent is to be inclusive of all SBYC members and their boats; but for safety considerations, "daysailors" are excluded, and the race chairman's decision on the eligibility of a specific boat shall be final.

### 3 NOTICES TO COMPETITORS

Sailing Instructions will be posted on the SBYC website (<http://sailingbuckeyes.com>). Notices to competitors on race day will be broadcast on VHF channel 68. Official notice of any race cancellations will be posted on the SBYC Facebook page. The first and second series will consist of eight (8) races; the Fall Series will consist of four (4) races.

### 4 SIGNALS MADE ASHORE

Signals will not be made ashore; they will be made from the race committee boat. When a race committee is not available, signals will be made on the water by the race chairman or his designee. These persons may be participants in the race.

### 5 SCHEDULE

The First Wednesday Series races shall be held on eight consecutive Wednesdays from 10 May to 29 June. The Second Wednesday Series races shall be held on eight consecutive Wednesdays from 05 July to 23 August. The Fall Wednesday Series races shall be held on four consecutive Wednesdays from 30 August to 20 September. The First and Second Wednesday Series races will start at 1830 hours and the Fall Wednesday Series races will start at 1800 hours with the first warning signal five minutes prior to the above specified start times.

### 6 STARTING SEQUENCE

For each race, the three divisions (with 3-boat minimum entries for the series) will start in the following order: Racer-Cruiser I, Cruiser II and Cruiser III. If desired, the race chairman or his designee may start all divisions together in a combined start if deemed appropriate.

### 7 RACING AREA

All divisions will race on the western end of Atwood Lake. The SBYC website and the appendix of these sailing instructions describe the lake and the location of the permanent buoys which may be used to establish the course.

Boats will not enter marked swimming areas including the MCWD park beach, the two boaters' swim areas, or any other area marked by the MWCD with 'boats keep out' buoys; the penalty for entering these areas is disqualification with no opportunity for exoneration. These areas are considered obstructions. If a boat is forced to violate this rule because another boat violates a rule in part 2 of the RRS, the boat entering the area shall be exonerated.

## 8 COURSES AND MARKS

The course for each division's race will be broadcast on VHF Channel 68 prior to the first division's warning signal. The course will be designated using permanent buoys (white cans with a red stripe and black letters/numbers) and/or temporary marks (orange tetrahedrons).

- 8a. If a race committee is available, a race may be shortened by the committee by flying the Sierra (S) flag, sounding two (2) horn blasts and making an announcement on VHF channel 68. The next leg (relative to the lead boat) will be the last leg to the finish line. The finish line will be between the race committee boat's race flag(s) and either a permanent or a temporary mark.
- 8b. In the case where no race committee is available, a race may be shortened by the race chairman or his designee by sounding two (2) horn blasts and broadcasting an announcement on VHF channel 68. The next leg (relative to the lead boat) will be the last leg to the finish line. The finish line will be between either a permanent and temporary mark, or a permanent mark and the shore as designated by the race chairman or designee. No flags will be flown. This modifies rule 32.

## 9 START / FINISH LINES AND STARTING SEQUENCE

The start and finish lines will be designated using permanent and/or temporary marks.

### 9a. WITH RACE COMMITTEE

The start and finish lines will be between the race committee boat's race flag(s) and either a permanent or a temporary mark.

The starting sequence will be:

<u>Signal</u>	<u>Minutes before Start</u>	<u>Flag</u>	<u>Sound(s)</u>
General Alert	Approximately 6	None	4
Warning	5	Division flag raised	1
Preparatory	4	P flag raised	1
One-Minute	1	P flag removed	1 long
Start	0	Division flag removed	1

Next Division flag is raised.

After the start of the last division, a red flag will be flown while boats are racing unless replaced by the Sierra (S) flag. This is a change to the RRS 2017-2020 Race Signals.

The starting sequence for the subsequent divisions and any recalled divisions will begin with a warning signal which was the start signal for the preceding division.

Boats whose division warning signal has not occurred will keep clear of the boats whose warning signal has occurred.

Before the start signal for the first division, the race committee may signal a postponement of the race using two (2) sounds and making an announcement on VHF channel 68 or may signal an abandonment of the race using three (3) sounds and making an announcement on VHF channel 68. This modifies rule 27.3.

Boats on the course side of the starting line at their start signal will be responsible for assuring their proper return to the pre-start side of the line and restarting. The Race Committee may attempt an oral notification of offending boat(s) with no flag, but the responsibility to properly restart is upon the offending boat(s). This modifies rule 29.1.

A General Recall for a division will be signaled by two (2) sounds and no flag; this modifies rule 29.2. The recalled division will then restart after the last division in the scheduled start sequence and after any preceding recalled divisions.

### 9b. WITHOUT RACE COMMITTEE

The start and finish lines will be designated using permanent and/or temporary marks.

The following starting sequence will be used and modifies rule 26:

<u>Signal</u>	<u>Minutes before Start</u>	<u>Flag</u>	<u>Sound(s)</u>
General Alert	Approximately 6	None	4
Warning	5	None	1
Preparatory	4	None	1
One-Minute	1	None	1 long
Start	0	None	1

The starting sequence for the subsequent divisions and any recalled divisions will begin with a warning signal which was the start signal for the preceding division.

Boats whose division warning signal has not occurred will keep clear of the boats whose warning signal has occurred. Before the start signal for the first division, the race chairman or his designee may signal a postponement of the race using two (2) sounds or may signal an abandonment of the race using three (3) sounds. This modifies rule 27.3.

Boats on the course side of the starting line at their start signal will be responsible for assuring their proper return to the pre-start side of the line and restarting. No flag will be flown; the responsibility to properly restart is upon the offending boat(s). This modifies rule 29.1.

A General Recall for a division will be signaled by two (2) sounds and no flag; this modifies rule 29.2. The recalled division will then restart after the last division in the scheduled start sequence and after any preceding recalled divisions.

The first boat to cross the finish line from each division will record the finishing time of each boat in that division and will submit the times to the race chairman or his designee upon completion of race. Finish times shall be taken at the moment the skipper in normal racing position crosses the finish line. Each boat shall give an audible signal when the skipper crosses the finish line to alert the boat recording finish times.

## 10 TIME LIMIT

The time limit for each division's race will be 60 minutes for the first boat in each division to finish. Races exceeding this time limit will be abandoned. If any boats in a division have finished within the 60 minute time limit but not all boats have finished, an additional 30 minute time limit extension will be added to allow the remaining boats to finish. Any boat in a division not finishing within the 30 minute time limit extension will be scored as Did Not Finish (DNF). This modifies rule 35.

## 11 PROTESTS

Written or oral protests will be delivered to the race chairman or his designee within one-half hour after the final boat has completed the race or was scored DNF due to exceeding the time limit. Hearings will be held as soon as possible after racing each day at the F-dock picnic tables or other location as announced to the affected parties.

## 12 SCORING

The High Point Percentage Scoring System as prescribed by US Sailing will apply. Finishing place will be determined by using the time-on-distance handicap method with handicaps determined by PHRF-AL.

### 12a. RACES TO COUNT AND MINIMUM REQUIRED

The first and second Wednesday series will consist of 8 races, and the fall Wednesday series will consist of 4 races. To qualify for inclusion in the final series results a boat shall compete in (i.e., come to the starting area for) at least 50 percent of the races completed.

### 12b. RACE SCORES

Define 'N' to be the number of boats that compete in a particular race. Every boat that competes in a race is counted even if they do not meet the 50% participation requirement at any time during the series. Each boat finishing that race and not thereafter retiring or being disqualified will be scored as follows:

<u>Finishing place</u>	<u>Score</u>
First	N
Second	N-1
Third	N-2
Fourth	N-3
Each place thereafter	Subtract 1 point

All other boats that compete in that race, including any that finish and thereafter retire or are disqualified, will score 0 points. Boats that do not compete in that race (DNC) will not be scored.

### 12c. SERIES SCORES

The series score for each boat will be a percentage calculated as follows: divide the sum of her race scores by the sum of the points she would have scored if she had placed first in every race in which she competed; multiply the result by 100. The qualified boat with the highest series score is the winner, and others are ranked accordingly.

**12d. TIES AND OTHER RULES**

Race ties will be handled using rule A7. Series ties will be broken using rule A8.1.

Rules A1, A3, A5, A6, A10 and A11 also apply.

**12e. AWARDS**

Awards for each Wednesday Series will be presented to the best three scoring boats in each division at the club's end-of-year banquet.

**13 DISCLAIMER OF LIABILITY**

Competitors agree participate in this event at their own risk, see RRS rule 4: Decision to Race. Competitors agree that SBYC; PHRF-AL; any officers members, or affiliates of these organizations will not accept any liability for equipment damage, personal injury, or death sustained in conjunction with, prior to, during, or after the event.

# 2017 SBYC SAILING INSTRUCTIONS

## ATWOOD CUP REGATTA

### 1 RULES

The races in the Atwood Cup Regatta will be governed by the *Racing Rules of Sailing 2017-2020, Performance Handicap Racing Fleet-Atwood Lake (PHRF-AL)*, and these *Sailing Instructions*. The *Sailing Instructions* will take precedence should conflict(s) exist. All boats shall be equipped with the safety equipment necessary to comply with all Federal and State laws and regulations. All boats will fly a Quebec (Q) flag or a yellow streamer from her stern while racing.

Rule 77, Identification on Sails, shall not apply.

### 2 ENTRIES

The Atwood Cup Regatta is open to all sailors. Competitors may enter the regatta by signing up at the skippers' meeting at 1000 hours on Saturday, June 18 at the picnic pavilion at the West Marina. Competitors may pay the \$10 registration fee at this time, and are required to pledge at least \$25.00 to the charity of the SBYC's choice. Skippers shall declare the division in which their boat will sail and may not revise that declaration. Three boats must be signed up for a division to establish that division.

The regatta will be sailed in three divisions (provided the minimum number of entries):

1. Racer-Cruiser I (Cruising boats wishing to compete with spinnakers)
2. Cruiser II (Cruising boats with an overall length of 25 or more feet; this is a jib and main only division)
3. Cruiser III (Cruising boats with an overall length of less than 25 feet; this is a jib and main only division)

For safety consideration, boats that are best described as "daysailors" will not have a division and are excluded. The race chairman's decision on the eligibility of a specific boat shall be final.

### 3 NOTICES TO COMPETITORS

Sailing Instructions will be posted on the SBYC website (<http://sailingbuckeyes.com>). Notices to competitors will be provided orally at the skippers' meeting prior to the race. Any notices given after the skippers' meeting will be broadcast on VHF channel 68.

### 4 SIGNALS MADE ASHORE

Signals will not be made ashore. Signals will be made from a race committee boat.

### 5 SCHEDULE

The Atwood Cup Regatta will be conducted on Saturday, June 17. The one-race regatta will start at 1200 hours with the first warning signal five minutes prior. A skippers' meeting will be held at 1000 hours at the West Marina Pavilion.

### 6 STARTING SEQUENCE / DIVISION FLAGS

***The three divisions (with 3-boat minimum entries) will start in the following order: Racer-Cruiser I, Cruiser II, Cruiser III.*** The division flags for the Racer-Cruiser I, Cruiser II, Cruiser III, and divisions shall be numeral code pennants 1, 2, and 3, respectively.

### 7 RACING AREA

All divisions will race on the western end of Atwood Lake. The SBYC website and the appendix of these sailing instructions describe the lake and the location of the permanent buoys which may be used to establish the course.

Boats will not enter marked swimming areas including the MCWD park beach, the two boaters' swim areas, or any other area marked by the MWCD with 'boats keep out' buoys; the penalty for entering these areas is disqualification with no opportunity for exoneration. These areas are considered obstructions. If a boat is forced to violate this rule because another boat violates a rule in part 2 of the RRS, the boat entering the area shall be exonerated.

## 8 COURSES AND MARKS

The course for each division's race will be announced at the skippers' meeting and will be broadcast on VHF Channel 68 prior to the first division's warning signal. The course will be designated using the Permanent buoys (white cans with a red stripe and black letters/numbers) and/or temporary marks (orange tetrahedrons).

A race may be shortened by the race committee by flying the Sierra (S) flag, sounding two (2) horn blasts and making an announcement on VHF channel 68. The next leg (relative to the lead boat) will be the last leg to the finish line. The finish line will be between the race committee boat's race flag(s) and either a permanent or a temporary mark.

The Regatta is scheduled to consist of one - five (5) lap race.

## 9 START / FINISH LINES AND STARTING SEQUENCE

The start and finish lines will be between the race committee boat's race flag(s) and either a permanent or a temporary mark.

The starting sequence will be:

<u>Signal</u>	<u>Minutes before Start</u>	<u>Flag</u>	<u>Sound(s)</u>
General Alert	Approximately 6	None	4
Warning	5	Division flag raised	1
Preparatory	4	P flag raised	1
One-Minute	1	P flag removed	1 long
Start	0	Division flag removed	1
		Next Division flag is raised.	

After the start of the last division, a red flag will be flown while boats are racing unless replaced by the Sierra (S) flag. This is a change to the RRS 2017-2020 Race Signals.

The starting sequence for the subsequent divisions and any recalled divisions will begin with a warning signal which was the start signal for the preceding division.

Boats whose division warning signal has not occurred will keep clear of the boats whose warning signal has occurred.

Before the start signal for the first division, the race committee may signal a postponement of the race using two (2) sounds and making an announcement on VHF channel 68 or may signal an abandonment of the race using three (3) sounds and making an announcement on VHF channel 68. This modifies rule 27.3.

Boats on the course side of the starting line at their start signal will be responsible for assuring their proper return to the pre-start side of the line and restarting. The Race Committee may attempt an oral notification of offending boat(s) with no flag, but the responsibility to properly restart is upon the offending boat(s). This modifies rule 29.1.

A General Recall for a division will be signaled by two (2) sounds and no flag; this modifies rule 29.2. The recalled division will then restart after the last division in the scheduled start sequence and after any preceding recalled divisions.

## 10 TIME LIMIT

The time limit for each division's race will be four (4) hours for the first boat in each division to finish. Boats not completing the race within this time shall be scored based on the number of laps completed and the handicap adjusted time of the last lap completed.

This modifies rule 35.

## 11 PROTESTS

Written protests will be delivered to either the race committee boat or the race chairman within one hour after the race committee boat docks. Hearings will be held as soon as possible at the F-dock picnic tables or other location as announced to the affected parties.

## 12 SCORING

The Low Point System of Appendix A of the *Racing Rules of Sailing* will apply. Boats will be scored by using the time-on-distance handicap method with handicaps determined by PHRF-AL. Awards for the Atwood Cup Regatta will be presented to the first three boats in each division at the dinner following the regatta.

## 13 DISCLAIMER OF LIABILITY

Competitors agree participate in this event at their own risk, see RRS rule 4: Decision to Race. Competitors agree that SBYC; PHRF-AL; any officers members, or affiliates of these organizations will not accept any liability for equipment damage, personal injury, or death sustained in conjunction with, prior to, during, or after the event.

# 2017 SBYC SAILING INSTRUCTIONS

## FALL REGATTA

### 1 RULES

The races in the Atwood Cup Regatta will be governed by the *Racing Rules of Sailing 2017-2020, Performance Handicap Racing Fleet-Atwood Lake (PHRF-AL)*, and these *Sailing Instructions*. The *Sailing Instructions* will take precedence should conflict(s) exist. All boats shall be equipped with the safety equipment necessary to comply with all Federal and State laws and regulations. All boats will fly a Quebec (Q) flag or a yellow streamer from her stern while racing.

Rule 77, Identification on Sails, shall not apply.

### 2 ENTRIES

The SBYC Fall Regatta is open to all SBYC members in good standing. Competitors may enter the regatta by signing up at the skippers' meeting at 1100 hours on Saturday, September 23 at the picnic pavilion at the West Marina. Skippers shall declare the division in which their boat will sail and may not revise that declaration. Three boats must be signed up for a division to establish that division.

The regatta will be sailed in three divisions (provided the minimum number of entries):

1. Racer-Cruiser I (Cruising boats wishing to compete with spinnakers)
2. Cruiser II (Cruising boats with an overall length of 25 or more feet; this is a jib and main only division)
3. Cruiser III (Cruising boats with an overall length of less than 25 feet; this is a jib and main only division)

For safety consideration, boats that are best described as "daysailors" will not have a division and are excluded. The race chairman's decision on the eligibility of a specific boat shall be final.

### 3 NOTICES TO COMPETITORS

Sailing Instructions will be posted on the SBYC website (<http://sailingbuckeyes.com>). Notices to competitors will be provided orally at the skippers' meeting prior to the race. Any notices given after the skippers' meeting will be broadcast on VHF channel 68.

### 4 SIGNALS MADE ASHORE

Signals will not be made ashore. Signals will be made from a race committee boat.

### 5 SCHEDULE

The Fall Regatta will be conducted on Saturday, September 23 and Sunday, September 24. The races shall start at 1300 hours on both days, with the first warning signal five minutes prior to the start time. A skippers' meeting will be held Saturday at 1100 hours at F-Dock at the West Marina. The intent is to conduct at least two races on both Saturday and Sunday.

### 6 STARTING SEQUENCE / DIVISION FLAGS

***The three divisions (with 3-boat minimum entries) will start in the following order: Racer-Cruiser I, Cruiser II, Cruiser III.*** The division flags for the Racer-Cruiser I, Cruiser II, Cruiser III, and divisions shall be numeral code pennants 1, 2, and 3, respectively.

### 7 RACING AREA

All divisions will race on the western end of Atwood Lake. The SBYC website and the appendix of these sailing instructions describe the lake and the location of the permanent buoys which may be used to establish the course.

Boats will not enter marked swimming areas including the MCWD park beach, the two boaters' swim areas, or any other area marked by the MWCD with 'boats keep out' buoys; the penalty for entering these areas is disqualification with no opportunity for exoneration. These areas are considered obstructions. If a boat is forced to violate this rule because another boat violates a rule in part 2 of the RRS, the boat entering the area shall be exonerated.

## 8 COURSES AND MARKS

The course for each division's race will be announced at the skippers' meeting and will be broadcast on VHF Channel 68 prior to the first division's warning signal. The course will be designated using the Permanent buoys (white cans with a red stripe and black letters/numbers) and/or temporary marks (orange tetrahedrons).

A race may be shortened by the race committee by flying the Sierra (S) flag, sounding two (2) horn blasts and making an announcement on VHF channel 68. The next leg (relative to the lead boat) will be the last leg to the finish line. The finish line will be between the race committee boat's race flag(s) and either a permanent or a temporary mark.

The red flag will remain flying until the completion of the races for all divisions or until replaced by Sierra (S) flag.

## 9 START / FINISH LINES AND STARTING SEQUENCE

The start and finish lines will be between the race committee boat's race flag(s) and either a permanent or a temporary mark.

The starting sequence will be:

<u>Signal</u>	<u>Minutes before Start</u>	<u>Flag</u>	<u>Sound(s)</u>
General Alert	Approximately 6	None	4
Warning	5	Division flag raised	1
Preparatory	4	P flag raised	1
One-Minute	1	P flag removed	1 long
Start	0	Division flag removed	1

Next Division flag is raised.

After the start of the last division, a red flag will be flown while boats are racing unless replaced by the Sierra (S) flag. This is a change to the RRS 2017-2020 Race Signals.

The starting sequence for the subsequent divisions and any recalled divisions will begin with a warning signal which was the start signal for the preceding division.

Boats whose division warning signal has not occurred will keep clear of the boats whose warning signal has occurred.

Before the start signal for the first division, the race committee may signal a postponement of the race using two (2) sounds and making an announcement on VHF channel 68 or may signal an abandonment of the race using three (3) sounds and making an announcement on VHF channel 68. This modifies rule 27.3.

Boats on the course side of the starting line at their start signal will be responsible for assuring their proper return to the pre-start side of the line and restarting. The Race Committee may attempt an oral notification of offending boat(s) with no flag, but the responsibility to properly restart is upon the offending boat(s). This modifies rule 29.1.

A General Recall for a division will be signaled by two (2) sounds. The recalled division will then restart after the last division in the scheduled start sequence and after any preceding recalled divisions.

## 10 TIME LIMIT

The time limit for each division's race will be 90 minutes for the first boat in each division to finish. Races exceeding this limit will be abandoned. If one boat finishes within the time limit, any boat in that division not finishing within the time limit will be scored as Did Not Finish (DNF) unless that boat's handicap adjusted time places her ahead or tied with a boat that finished before the time limit. This modifies rule 35.

## 11 PROTESTS

Protests will be delivered to either the race committee boat or the race chairman within one hour after the race committee boat docks each day. Hearings will be held as soon as possible at the F-dock picnic tables or other location as announced to the affected Parties.

## 12 SCORING

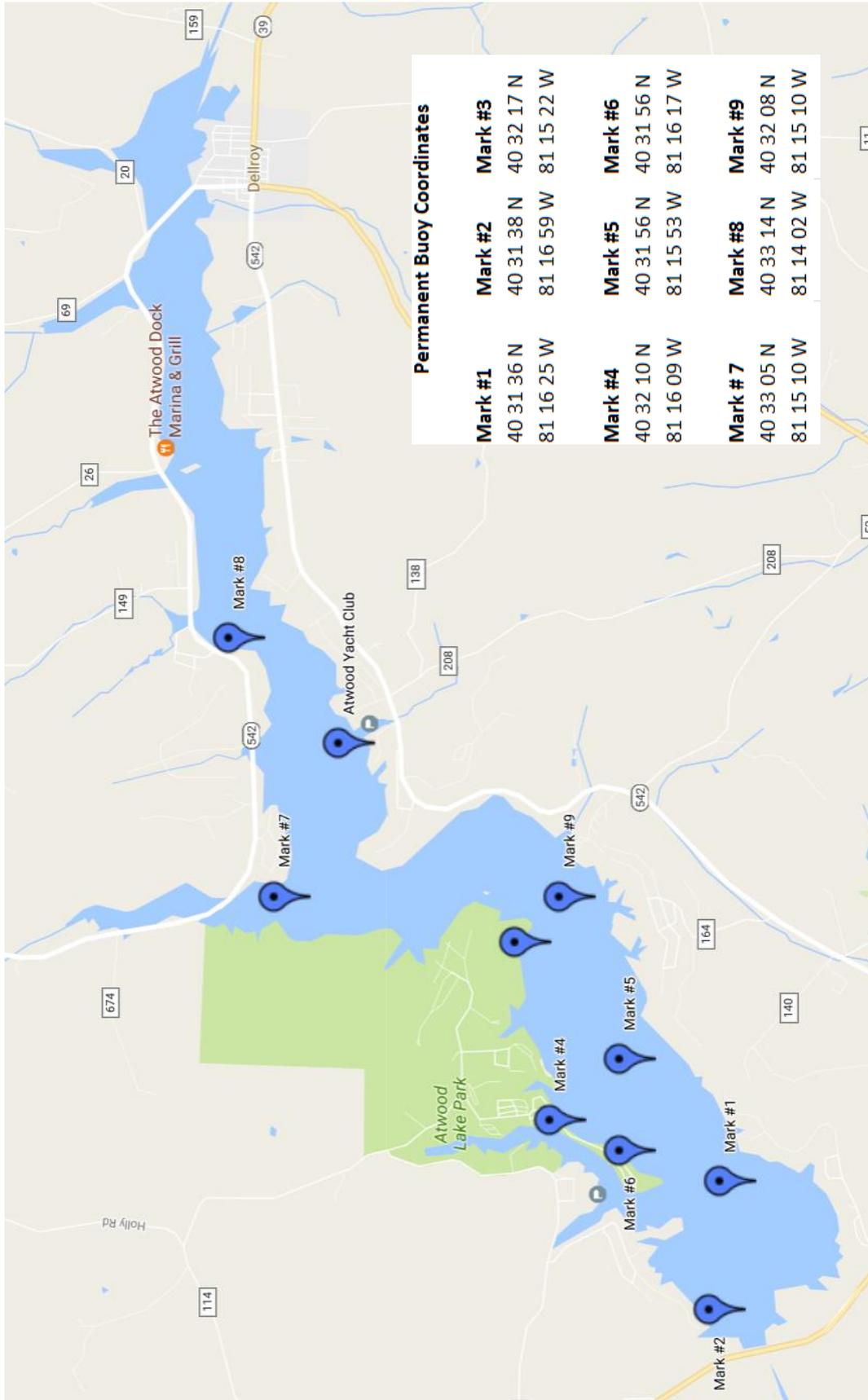
The Low Point System of Appendix A of the *Racing Rules of Sailing* will apply. Boats will be scored by using the time-on-distance handicap method with handicaps determined by PHRF-AL. Awards for the Fall Regatta will be presented to the first three boats in each division at the club's end-of-year banquet. One race constitutes a regatta.

## 13 DISCLAIMER OF LIABILITY

Competitors agree participate in this event at their own risk, see RRS rule 4: Decision to Race. Competitors agree that SBYC; PHRF-AL; any officers members, or affiliates of these organizations will not accept any liability for equipment damage, personal injury, or death sustained in conjunction with, prior to, during, or after the event.

# Appendix A

## Map of Atwood Lake



## Appendix B

### Course Listings and Descriptions (for Reference Only - course lengths may vary)

WINDWARD LEG WIND DIRECTION	(6 TO 1) HEADING = 204 SOUTHWEST BREEZE (WINDWARD FINISH)						(5 TO 3) HEADING = 55 NORTHEAST BREEZE (WINDWARD FINISH)						(3 TO 4) HEADING = 268 WESTERLY BREEZE (LEEWARD FINISH)					
COURSE NUMBER	# 1L LONG COURSE			# 1S SHORT COURSE			# 2L LONG COURSE			# 2S SHORT COURSE			# 3L LONG COURSE			# 3S SHORT COURSE		
STARTING BUOY	START @ 6 (6 Legs)			START @ 6 (4 Legs)			START @ 5 (6 Legs)			START @ 5 (4 Legs)			START @ 3 (6 Legs)			START @ 3 (3 Legs)		
SAILING LEG	NAUT. MILES	ROUND # TO	Brig	NAUT. MILES	ROUND # TO		NAUT. MILE:	ROUND # TO	Brig	NAUT. MILES	ROUND # TO		NAUT. MILES	ROUND # TO	Brig	NAUT. MILES	ROUND # TO	
WINDWARD REACH	0.35	1 PORT	204	0.35	1 PORT		0.53	3 PORT	55	0.53	3 PORT		0.63	4 PORT	268	0.63	4 PORT	
REACH	1.05	3 PORT	56	1.05	3 PORT		0.63	4 PORT	268	0.63	4 PORT		0.61	1 PORT	204	0.61	1 PORT	
WINDWARD REACH	0.63	4 PORT	268	0.63	4 PORT		0.61	1 PORT	204	0.61	1 PORT		1.05	3 PORT	56	1.05	3 FIN	
WINDWARD REACH	0.61	1 PORT	204	0.26	6 FIN		1.05	3 PORT	56	0.52	5 FIN		0.63	4 PORT	268			
LEEWARD	0.61	4 PORT	24				1.05	1 PORT	237				0.63	3 FIN	88			
WINDWARD	0.26	6 FIN	204				0.52	5 FIN	58									
COURSE LENGTH	3.51 nM			2.29 nM			4.39 nM			2.29 nM			3.55 nM			2.29 nM		
WINDWARD LEG WIND DIRECTION	(6 TO 4) HEADING = 24 NORTH & NE BREEZE (WINDWARD FINISH)						(5 TO 1) HEADING = 238 WEST SW BREEZE (WINDWARD FINISH)						(4 TO 3) HEADING = 88 EASTERLY BREEZE (LEEWARD FINISH)					
COURSE NUMBER	# 4L LONG COURSE			# 4S SHORT COURSE			# 5L LONG COURSE			# 5S SHORT COURSE			# 6L LONG COURSE			# 6S SHORT COURSE		
STARTING BUOY	START @ 6 (6 Legs)			START @ 6 (4 Legs)			START @ 5 (6 Legs)			START @ 5 (4 Legs)			START @ 4 (5 Legs)			START @ 4 (3 Legs)		
SAILING LEG	NAUT. MILES	ROUND # TO	Brig	NAUT. MILES	ROUND # TO		NAUT. MILE:	ROUND # TO	Brig	NAUT. MILES	ROUND # TO		NAUT. MILES	ROUND # TO	Brig	NAUT. MILES	ROUND # TO	
WINDWARD REACH	0.26	4 STAR	24	0.26	4 STAR		0.52	1 STAR	238	0.52	1 STAR		0.63	3 STAR	88	0.63	3 STAR	
REACH	0.63	3 STAR	88	0.63	3 STAR		0.61	4 STAR	24	0.61	4 STAR		1.05	1 STAR	237	1.05	1 STAR	
REACH	1.05	1 STAR	237	1.05	1 STAR		0.63	3 STAR	88	0.63	3 STAR		0.61	4 STAR	24	0.61	4 FIN	
WINDWARD REACH	0.61	4 STAR	24	0.35	6 FIN		1.05	1 STAR	237	0.53	5 FIN		0.63	3 STAR	88			
LEEWARD	0.61	1 STAR	204				1.06	3 STAR	66				0.63	4 FIN	268			
WINDWARD	0.35	6 FIN	24				0.53	5 FIN	235									
COURSE LENGTH	3.51 nM			2.29 nM			4.39 nM			2.29 nM			3.55 nM			2.29 nM		
WINDWARD LEG WIND DIRECTION	(5 TO 4) HEADING = 325 NORTHWEST BREEZE (LEEWARD FINISH)						(4 TO 5) HEADING = 145 SOUTHEAST BREEZE (LEEWARD FINISH)						(5 TO 6) HEADING = 277 WESTERLY BREEZE (LEEWARD FINISH)					
COURSE NUMBER	# 7L LONG COURSE			# 7S SHORT COURSE			# 8L LONG COURSE			# 8S SHORT COURSE			# 9L LONG COURSE			# 9S SHORT COURSE		
STARTING BUOY	START @ 5 (6 Legs)			START @ 5 (3 Legs)			START @ 4 (6 Legs)			START @ 4 (3 Legs)			START @ 5 (6 Legs)			START @ 5 (3 Legs)		
SAILING LEG	NAUT. MILES	ROUND # TO	Brig	NAUT. MILES	ROUND # TO		NAUT. MILE:	ROUND # TO	Brig	NAUT. MILES	ROUND # TO		NAUT. MILES	ROUND # TO	Brig	NAUT. MILES	ROUND # TO	
WINDWARD REACH	0.34	4 PORT	325	0.34	4 PORT		0.34	5 PORT	145	0.34	5 PORT		0.30	6 PORT	277	0.30	6 PORT	
REACH	0.61	1 PORT	204	0.61	1 PORT		0.53	3 PORT	55	0.53	3 PORT		0.35	1 PORT	204	0.35	1 PORT	
REACH	0.52	5 PORT	58	0.52	5 FIN		0.63	4 PORT	268	0.63	4 FIN		0.52	5 PORT	58	0.52	5 FIN	
REACH	0.53	3 PORT	55				0.61	1 PORT	204				0.30	6 PORT	277			
REACH	0.63	4 PORT	268				0.52	5 PORT	58				0.30	5 FIN	97			
LEEWARD	0.34	5 FIN	145				0.34	4 FIN	325									
COURSE LENGTH	2.97 nM			1.47 nM			2.97 nM			1.50 nM			1.77 nM			1.17 nM		

WINDWARD LEG WIND DIRECTION	(6 TO 1) HEADING = 204 SOUTHWEST BREEZE (WINDWARD FINISH)				(5 TO 4) HEADING = 325 NORTHWEST BREEZE (LEEWARD FINISH)				(2 TO 1) HEADING = 101 EAST TO SE BREEZE (LEEWARD FINISH)			
COURSE NUMBER	# 10L LONG COURSE		# 10S SHORT COURSE		# 11L LONG COURSE		# 11S SHORT COURSE		# 12L LONG COURSE		# 12S SHORT COURSE	
STARTING BUOY	START @ 6 (5 Legs)				START @ 5 (5 Legs)				START @ 2 (5 Legs)			
SAILING LEG	NAUT. MILES	ROUND # TO	Brg	NAUT. MILES	ROUND # TO	Brg	NAUT. MILES	ROUND # TO	Brg	NAUT. MILES	ROUND # TO	Brg
WINDWARD	0.35	1 PORT	204	0.35	1 PORT		0.34	4 PORT	325	0.34	4 PORT	101
REACH	0.52	5 PORT	58	0.52	5 PORT		0.61	1 PORT	204	0.61	1 PORT	24
REACH	0.34	4 PORT	325	0.34	4 PORT		0.52	5 PORT	58	0.52	5 FIN	248
WINDWARD	0.61	1 PORT	204	0.26	6 FIN		0.34	4 PORT	325	0.43	1 PORT	101
LEEWARD	0.61	4 PORT	24				0.34	5 FIN	145	0.43	2 FIN	281
WINDWARD	0.26	6 FIN	204									
COURSE LENGTH	2.69 nM			1.47 nM			2.15 nM			1.47 nM		
WINDWARD LEG WIND DIRECTION	(6 TO 4) HEADING = 24 NORTH & NE BREEZE (WINDWARD FINISH)				(4 TO 5) HEADING = 145 SOUTHEAST BREEZE (LEEWARD FINISH)				(1 TO 2) HEADING = 281 WESTERLY BREEZE (LEEWARD FINISH)			
COURSE NUMBER	# 13L LONG COURSE		# 13S SHORT COURSE		# 14L LONG COURSE		# 14S SHORT COURSE		# 15L LONG COURSE		# 15S SHORT COURSE	
STARTING BUOY	START @ 6 (6 Legs)				START @ 4 (5 Legs)				START @ 1 (5 Legs)			
SAILING LEG	NAUT. MILES	ROUND # TO	Brg	NAUT. MILES	ROUND # TO	Brg	NAUT. MILES	ROUND # TO	Brg	NAUT. MILES	ROUND # TO	Brg
WINDWARD	0.26	4 STAR	24	0.26	4 STAR		0.34	5 STAR	145	0.34	5 STAR	281
REACH	0.34	5 STAR	145	0.34	5 STAR		0.52	1 STAR	238	0.52	1 STAR	68
REACH	0.52	1 STAR	238	0.52	1 STAR		0.61	4 STAR	24	0.61	4 FIN	204
WINDWARD	0.61	4 STAR	24	0.35	5 FIN		0.34	5 STAR	145	0.43	2 STAR	281
LEEWARD	0.61	1 STAR	204				0.34	4 FIN	325	0.43	1 FIN	101
WINDWARD	0.35	6 FIN	24									
COURSE LENGTH	2.69 nM			1.47 nM			2.15 nM			1.47 nM		
WINDWARD LEG WIND DIRECTION	(1 TO 5) HEADING = 97 EASTERLY BREEZE (LEEWARD FINISH)				(4 TO 3) HEADING = 88 EASTERLY BREEZE (LEEWARD FINISH)				(1 TO 5) HEADING = 325 NORTHWEST BREEZE (LEEWARD FINISH)			
COURSE NUMBER	# 16L LONG COURSE		# 16S SHORT COURSE		# 17L LONG COURSE		# 17S SHORT COURSE		# 18L LONG COURSE		# 18S SHORT COURSE	
STARTING BUOY	START @ 6 (5 Legs)				START @ 4 (5 Legs)				START @ 5 (5 Legs)			
SAILING LEG	NAUT. MILES	ROUND # TO	Brg	NAUT. MILES	ROUND # TO	Brg	NAUT. MILES	ROUND # TO	Brg	NAUT. MILES	ROUND # TO	Brg
WINDWARD	0.30	5 PORT	97	0.30	5 PORT		0.63	3 STAR	88	0.34	4 PORT	325
REACH	0.34	4 PORT	325	0.34	4 PORT		0.53	5 STAR	235	0.53	5 STAR	204
REACH	0.26	6 PORT	204	0.26	6 FIN		0.34	4 STAR	325	0.34	4 FIN	97
REACH	0.30	5 PORT	97				0.63	3 STAR	88	0.34	4 PORT	325
LEEWARD	0.30	6 FIN	277				0.63	4 FIN	268	0.34	5 FIN	145
COURSE LENGTH	1.50 nM			0.90 nM			2.76 nM			1.58 nM		

# Appendix C

## Course Illustrations

